

WHAT IS CLAIMED IS:

1. A system for dispensing at least two components of a multicomponent mass, comprising a squeezing-out device (2) having a dispensing opening (4) and at least one rolling roller (3.1, 3.2; 26.1, 26.2; 32.1, 32.2; 45, 49) for dispensing the at least two components; a storage container (11; 21; 36; 41; 51; 61; 71) having flat support means (13; 22; 38; 42; 52; 62; 72) for supporting separate packagings of the at least two components; and a spring (8.1, 8.2) for biasing the at least one rolling roller (3.1, 3.2; 26.1, 26.2; 32.1, 32.2; 45, 49) in a direction toward the flat support means (13; 22; 38; 42; 52; 62; 72) substantially perpendicular thereto.

2. A squeezing-out device for a system for dispensing at least two components of a multicomponent mass and including a storage container (11; 21; 36; 41; 51; 61; 71) having flat support means (13; 22; 38; 42; 52; 62; 72) for supporting separate packagings of the at least two components, the squeezing-out device (2) comprising a dispensing opening (4); at least one rolling roller (3.1, 3.2; 26.1, 26.2; 32.1, 32.2; 45, 49) for dispensing the at least two components; and a spring (8.1, 8.2) for biasing the at least one rolling roller (3.1, 3.2; 26.1, 26.2; 32.1, 32.2; 45, 49) in a direction toward the flat support means (13; 22; 38; 42; 52; 62; 72) of the storage container substantially perpendicular thereto.

3. A squeezing-out device according to Claim 2, further comprising at least one further roller (3.1; 3.2; 26.1, 26.2; 32.1, 32.3; 45, 49).

4. A squeezing-out device according to claim 3, wherein rotational speeds of the at least one roller and of the at least one further roller are controlled separately.

5. A squeezing-out device according to Claim 2, further comprising an outlet channel (18; 56; 67) provided at an end of the device with the dispensing opening (4; 27; 47), and a device (28.1, 28.2; 46.1, 46.2) for closing the outlet channel (18; 56; 67).

6. A storage container for a system for dispensing at least two components of a multicomponent mass and including a squeezing-out device (2) having a dispensing opening (4) and at least one rolling roller (3.1, 3.2; 26.1, 26.2; 32.1; 32.2; 45, 49) for dispensing the at least two components, the storage container (11; 21; 36; 41; 51; 61; 71) comprising flat support means (13; 22; 38; 42; 52; 62; 72) for supporting separate packagings of the at least two components.

7. A storage container according to Claim 6 wherein the flat support means (13; 22; 38; 42; 52; 62; 72) is formed of a plastic material.

8. A storage container according to Claim 6 wherein at least one of the packagings of the at least two components (12.1; 23.1; 37.1, 37.2, 37.3, 39.1, 39.2, 39.3; 43, 44; 53, 54; 63, 64; 73, 74) is formed as a foil bag.

9. A storage container according to Claim 8, wherein the foil bag is material-bonded to the flat support means (13; 22; 38; 42; 52; 62; 72).

10. A storage container according to Claim 6, wherein at least one of the packagings (12.1; 23.1; 37.1, 37.2, 37.3, 39.1, 39.2, 39.3; 43, 44; 53, 54; 63, 64; 74) has a variable volume cross-section along a longitudinal axis (75) of the flat support means (72).

11. A storage container according to Claim 6, wherein with reference to a longitudinal axis (65) of the flat support means (62), one (64) of the packagings of the at least two components has a shorter length than another (65) of the packagings.

12. A storage container according to Claim 6, wherein a combining chamber (55, 81) is provided at one of ends of the flat support means (52; 62; 72).

13. A storage container according to Claim 12, wherein a mixing element (57) adjoins the combining chamber (55).

14. A storage container according to Claim 12, further comprising a clamping ring (88, 98) for securing at least one of the packagings (83, 93) to the combining chamber (81).

15. A storage container according to Claim 6, wherein in addition to the packagings of the at least two components, at least one packaging (44) with a rinsing fluid is arrangeable on the flat support means (42).

16. A storage container according to Claim 6, further comprising a removable protection packaging (59) surrounding the container (51).

17. A storage container according to Claim 16, wherein the protection packaging (59) is formed as a UV-protection packaging.